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In this issue

Research Article

Open Access Research Article PTZAID:GJE-8-182

A dashboard proposal for pre-scheduling elective orthopedic surgeries in Brazil

Published On: June 29, 2023 | Pages: 053 - 057

Author(s): Aparecido Carlos Duarte*, Jair Minoro Abe and Liliam Sayuri Sakamoto

The procedure for receiving materials from the CME - Material and Sterilization Center, begins after the surgery is released by the agreement together with the approval of the supplier, once this is approved, the delivery of the materials to be used in the hospital will commence. This delivery may take place hours or even a day before the scheduled date since the mate ...

Abstract View Full Article View DOI: 10.17352/gje.000082

Open Access Research Article PTZAID:GJE-8-181

Evaluation of recycled gravel in the concrete mixture for the surface layer of rigid flooring

Published On: June 27, 2023 | Pages: 046 - 052

Author(s): Akihito Boa Esperança, Jésena Bernardo and Lino Maia*

Paving with recycled aggregates has already been widely carried out in some countries where there is already consolidated knowledge on the subject. This work analyzes in the laboratory the physical and mechanical behavior aspects of recycled aggregate in concrete mixes for rigid pavements. After selective collection at a construction site, the waste undergoes a crushi ...

Abstract View Full Article View DOI: 10.17352/gje.000081

Open Access Research Article PTZAID:GJE-8-177

Influence of exposure to light and storage period on color changes in gari produced from bio-fortified cassava (*Manihot esculenta* Crantz) varieties

Published On: March 14, 2023 | Pages: 019 - 023

Author(s): Udemba IO, Olasanmi B* and Iluebbey P

Light degrades carotenoids and thus the color of bio-fortified gari during storage. This study was therefore conducted to evaluate the effect of exposure of bio-fortified gari to light during storage on its color. Gari samples obtained from the processing of fresh storage roots of three yellow root cassava varieties (TMSI011368, TMSI010593, and TMSI010539) and a white ...

Abstract View | Full Article View | DOI: 10.17352/gje.000077

Open Access Research Article PTZAID:GJE-8-176

Abundance and diversity of waterbirds around the Begnas Lake of Pokhara Valley, Nepal

Published On: March 09, 2023 | Pages: 011 - 018

Author(s): Rajendra Basaula*, Om Prakash Singh and Bhagawan Raj Dahal

We studied the seasonal abundance and diversity of waterbirds around the Begnas lake of Pokhara Valley. The status of waterbirds in Begnas wetland is not documented so; we monitored the waterbirds using the point count method in 12 different plots around the lake and compared the seasonal abundance and diversity during the 2019 Summer and 2020 winter with 24 hours of ...

Abstract View | Full Article View | DOI: 10.17352/gje.000076

Review Article

Open Access Review Article PTZAID:GJE-8-178

Sustainability and property: A legal perspective

Published On: April 25, 2023 | Pages: 024 - 033

Author(s): Klaus Bosselmann*

Property and sustainability both represent strongly felt concepts of society but in very different ways. While the protection of the individual property is at the heart of the capitalist system and deeply embedded in our laws, concerns for ecological sustainability feature less prominently and only indirectly impact private property. Critically, the integrity of Earth ...

Abstract View | Full Article View | DOI: 10.17352/gje.000078

Open Access Review Article PTZAID:GJE-8-175

Forest restoration, resources sustainable use and high-quality sustainable management

Published On: February 28, 2023 | Pages: 007 - 010

Author(s): Zhongsheng Guo*

As the economy develops and the population increases, there is an increasing demand for goods such as timber, food, medicine, and so on, and ecological services such as fresh water and the environment. Because goods and services produced by the original forest cannot meet the increasing need of people, so most of the original forest has become farmland, plantation, an ...

Abstract View Full Article View DOI: 10.17352/gje.000075

Open Access Review Article PTZAID:GJE-8-174

Asymmetry as an indicator of stress: From population statistics to clinical life-saving applications

Published On: January 07, 2023 | Pages: 001 - 006

Author(s): Alex Frid and Shmuel Raz*

Most symmetrical objects can be efficiently described in terms of their deviation from a specific symmetry group, whether it be a mirror, radial, or translatory symmetry, among other groups. Fundamentally, asymmetry is an individual trait, but the asymmetry distribution of a given population may provide valuable information about the well-being of that population. Qua ...

Abstract View Full Article View DOI: 10.17352/gje.000074

Mini Review

Open Access Mini Review PTZAID:GJE-8-180

A census and inventory of wild animals

Published On: June 21, 2023 | Pages: 042 - 045

Author(s): Jerry Mauri*

The destruction of habitats in ecosystems, the rapid growth of the human population, and climate change have led to a

decline in wildlife populations worldwide. It is therefore important to carry out a census and inventory of wild animal species, to determine their size, distribution, and status, especially in the context of accounting for forestry resources. Highligh ...

Abstract View Full Article View DOI: 10.17352/gje.000080